REMARKS/ARGUMENTS

This Amendment is in response to the Office Action mailed December 23, 2008. Claims 4-12, 15-17, 19-23, 26-31, 41-48, 60-64, 71-74 and 80-86 were pending in the present application. This Amendment amends claims 4-6, 15-17, 21, 27, 38, 60, 78, 79, 81, and 85-86, adds claim 87, and cancels claims 7-12, 29-31, 41-48, 71-74, 80, and 84, leaving pending in the application claims 4-6, 15-17, 19-23, 26-28, 38-40, 60-64, 78-79, 81-83, and 85-87. Reconsideration of the rejected claims is respectfully requested.

I. Rejection under 35 U.S.C. §101

Claims 4-12, 15-17, 19-20, 78-79, 81-83 are rejected under 35 U.S.C. §101 for being directed to non-statutory subject matter.

Claim 4 as amended includes hardware support in reciting, "first user display", "second user display", and "database management server" which as is well known in the art runs on a computer having at least a processor and a memory device. This definition of database management server can be found in the book commonly known in the art, "The Database Dictionary" (Lance a Leventhal Microtrend Series), by Ellen Thro, Copyright 1990. Thus, claim 4 is allowable under 35 U.S.C. §101.

Claim 15 as amended also includes hardware support in reciting, "display device" and "database management server". Thus, claim 15 is allowable under 35 U.S.C. §101.

The dependent claims are also allowable under under 35 U.S.C. §101 for being dependent on independent claims 4 and 15 allowable under 35 U.S.C. §101.

Withdrawal of rejections under 35 U.S.C. §101 is respectfully requested.

II. Rejection under 35 U.S.C. §112

Claims 4-12, 78-79, 81 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement.

Currently amended claim 4 recites, "a personalization system including a personalization engine and a user profile interface..." and is supported in the specification. Accordingly, claim 4 is believed to comply with the written description requirement. Claims 5-6, 78-79, and 81 depend from claim 4 and also meet written description requirement of 35 U.S.C. 112, first paragraph.

Withdrawal of rejections under 35 U.S.C. 112, first paragraph, is respectfully requested.

III. Rejection under 35 U.S.C. §103

Claims 4-12, 82, 84-86 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beauchamp, USPN: 6,621, 505 (hereinafter Beauchamp). Applicants respectfully disagree.

Claim 4 as amended, recites:

> A system for generating application user interfaces enabling customization of the user interfaces for each of a plurality of users, the system comprising:
> a personalization system including a personalization engine and a user profile interface, the user profile interface being delivered to each of a first user display of a first user of the plurality of users and to a second user display of a second user of the plurality of users, the user profile interface being operable to allow the first user to modify a first personalization data for the first user and the second user to modify a second personalization data for the second user, wherein the first personalization data characterizes a first functional property of a first user interface element of a first application user interface presented on the first user display and the second personalization data characterizes a second functional property of a second user interface element of a second application user interface presented on the second user display, and wherein the first user interface element and the second user interface element appear substantially similar on their respective displays but the first functional property and second functional property are different;
> an Internet application server operable to execute at least one selected Internet application of a plurality of Internet applications, the Internet application server including a user interface generator operable to generate at least one application user interface for the selected Internet application, customized for the first user using metadata for the first application user interface, and the first personalization data;
> a data repository including a data record for storing the first personalization data, the data record being accessible using the metadata, wherein the data repository comprises a database management server; and
> a web server operable to deliver to the first user display of the customized first application user interface.

According to some of the features of claim 4 above, a first user modifies a first personalization data that characterizes a first functional property of a first user interface element

of a first application user interface presented on a first user display. A second user modifies a second personalization data that characterizes a second functional property of a second user interface element of a second application user interface presented on a second user display. The first user interface element on the first user display and second user interface element on the second user display appear substantially similar on their respective displays but their first functional property and second functional property, respectively, are different.

Beauchamp does not teach such features. For example considering, col. 10 line 20 to col. 11 line 30 that describe the Next button, the Pause/Cancel button and the user specified processes in order to highlight the differences between the features of claim 4 and Beauchamp:

1) When a first user in Beauchamp clicks on the Next button (first user interface element) on the screen displayed he gets a next page/next step of the process. When a second user clicks on the Next button (second user interface element) on his display he also gets a Next screen. The next screen displayed after clicking the Next button for both the first user and the second user depends on the definition of the process that each user is working with and may be the same or different. However, at least one difference between Beauchamp and claim 4 is that: in Beauchamp the first user and the second user clicking on the Next button results in a substantially similar behavior or functioning of the Next button and in the manner intended for all users, that is getting and displaying the Next screen and progressing forward in the selected process. Therefore, in Beauchamp not only does the Next button appear substantially similar for both the first user and the second user but also its functional property for both the users is substantially similar, in other words, the first user's and the second user's interaction with the next button is substantially similar. For all users the Next button will progress from current screen to next screen.

2) The pause/cancel button/user specified processes in Beauchamp: When a first user moves the mouse over the Pause button (first user interface element) displayed on his screen a pop-menu displays a list of user specified processes. When a second user moves the mouse over the Pause button (second user interface element) displayed on his screen a pop-menu again

displays a list of user specified processes. Although, the processes listed in the user specified processes displayed for the first user and second user may be personalized for that user (probably based on the user login), the behavior / functioning of the pause button for both the first user and second user is substantially similar, i.e. a pop-up menu displaying a list of user specified processes. Further, clicking the Pause button by both the first user and second user results in stopping the current process and saving it in a to do list to be completed at another time. Therefore, not only does the Pause button appear substantially similar to both the first user and the second user but also its functional property for both the users is substantially similar, in other words, the first user's and the second user's interaction with the pause button is substantially similar.

Therefore, in Beauchamp the buttons (user interface elements) that appear substantially similar to all users, have substantially similar functional properties and therefore are functionally similar for all users. In some cases as in the Next and Pause button though the content displayed (next screen displayed or processes listed in the user specified processes) may be personalized for each user based on the user's login information but the interaction of all the users with these buttons or the behavior and functionality of these buttons is substantially similar and as intended for all users. There is no teaching or suggestion in Beauchamp that the first user's interaction with the Next button/Pause button is different from the second user's interaction with the Next button/Pause button or that the Next button/Pause button function differently for different users. More specifically, there is no teaching or suggestion in Beauchamp that a first user interface element and a second user interface element that appear substantially similar on their respective user displays have different functional properties, i.e. the first functional property and second functional property are different as in claim 4.

Accordingly, Applicants submit that Beauchamp does not teach or suggest the features of claim 4, and claim 4 is allowable over Beauchamp.

Claims 5-6, 82, 84-86

Claims 5-6 depend from claim 4 and are allowable over Beauchamp at least for a similar rationale as discussed above with respect to independent claim 4. Claims 82, 85-86 are

allowable over Beauchamp for depending on independent claims 15, 38, and 60 respectively that are allowable under 35 U.S.C. 103(a).

New claim 87

Claim 87 is allowable over Beauchamp at least for a similar rationale as discussed above with respect to independent claim 4.

IV. Rejection under 35 U.S.C. §102

Claims 15-17, 19-23, 26-27, 29-31, 38-48, 60-64, 71-74, 78-81, and 83 are rejected under 35 U.S.C. §102(e) as being anticipated by Beauchamp et al., USPN: 6,621,505 (hereinafter Beauchamp). Applicants respectfully disagree.

Claim 15

> A system for generating a customizable user interface, the system comprising:
> an Internet application server operable to support an Internet application;
> an application user interface generator operable to generate the customizable user interface of the Internet application for display on a display device of a user of a plurality of users, the user interface being generated using personalization data set by the user before execution of the Internet application, wherein the personalization data characterizes at least one functional property of a user interface element of the user interface, the at least one functional property including an interaction model between the display device and the Internet application server, wherein the interaction model is associated with the timing of delivery, from the display device to the Internet application server, of data input on the user interface;
> metadata associated with the at least one functional property of the user interface element; and
> a data repository including a data record for storing the personalization data for each of the plurality of users, wherein the data repository comprises a database management server, and wherein each user of the plurality of users is able to modify the personalization data such that the application user interface functions differently for different users.

Claim 15 includes, among others, a user interface generator that generates customizable user interface of an Internet application for display on the user's display device. The user interface is generated using personalization data set by the user before execution of the Internet application and stored in a data repository. The personalization data characterizes at least one

functional property of a user interface element included in the user interface, the at least one functional property includes an interaction model associated with the timing of delivery, from the display device to the Internet application server, of data input on the user interface. For example, the user, before execution of the Internet application, can set the personalization data such that the interaction model (as supported in the specification and as recited in dependent claim 83) is the deferred mode of interaction wherein data input on the user interface is deferred for delivery from the display device to the Internet application server. This setting of the personalization data is stored in a data record and used by the application user interface generator to generate user interface for the user. Each user of the plurality of users can have different settings for the personalization data such that the application user interface functions differently for different users.

Beauchamp does not teach such features.

As described in col. 17:51-67, col. 18:38-67 and additionally, col. 11:5-15 of Beauchamp, when the user clicks on the pause button the current process is stopped and saved in a to do list and a process server possibly maintains the current state of the process until the user is ready to start the process again. Even assuming that as a result of the pause, data received at the server is delayed, as alleged in the Office Action, this delay is only in response to the user clicking on the Pause button on the screen of a current process or a process that is currently executing. In other words, the Pause and the resulting delay in delivery of data to the server cannot be set before the execution of the process. Additionally, the Pause and the resulting delay in delivery of information to the server is not associated with any (personalization) data that can be set, before execution of the process, by the user and stored in a repository and that can be used in generating the screens of the process. More specifically, the Pause in Beauchamp is not based on a personalization data that is set, before execution of the process, by a user and the corresponding setting stored in a database, wherein the personalization data characterizes a functional property of a user interface element such as an interaction model between the display device and the Internet application server as recited in claim 15.

Therefore, Applicants submit that Beauchamp does not disclose one or more features of claim 15 and claim 15 is allowable over Beauchamp.

Claims 16-17, 19-23, 26-27, 29-31, 38-48, 60-64, 71-74, 78-81, and 83

Claims 16-17, 19-20, and 83 depend from claim 15 and are allowable over Beauchamp at least for a similar rationale as discussed above with respect to independent claim 15. Claims 21, 38, and 60 are allowable over Beauchamp at least for a similar rationale as discussed above with respect to independent claim 15. Claims 22, 23, 26, and 27 depend from claim 21, claims 39, 40 depend from claim 38 and claims 61-64 depend from claim 60 and the dependent claims are allowable over Beauchamp at least for a similar rationale as discussed above with respect to their respective independent claims. Claims 78, 79, and 81 are allowable over Beauchamp for depending on independent claim 4 that is allowable under 35 U.S.C. §102(e).

V. Rejection under 35 U.S.C. §103

Claim 28 is rejected under 35 U.S.C. §103(a) as being unpatentable over Beauchamp et al., USPN: 6,621,505 as applied to claim 21, in view of Helgeson et al. USPN: 6,643,652 (hereinafter Helgeson). Applicants respectfully disagree and submit that the subject matter recited in claim 28 is not taught or suggested by Beauchamp and Helgeson, considered either individually or in combination.

Claim 28 recites a wireless system for the client device of claim 21 and according to claim 21 this wireless system is used by a user to set personalization data before execution of the Internet application where the personalization data characterizes a functional property of a user interface element such as an interaction model between the display device and the Internet application. As discussed above with respect to claims 21 and 15, Beauchamp does not teach such features. Helgeson fails to cure the above deficiencies in Beauchamp. Helgeson is related to systems and processes in business systems platform to integrate disparate business applications systems. Helgeson merely indicates a wireless device used as a client device in the system of Helgeson but does not teach or suggest anything related to setting personalization data before

execution of Internet application, by a user on the wireless device (client device) where the personalization data characterizing a functional property of a user interface element is used to generate an application user interface.

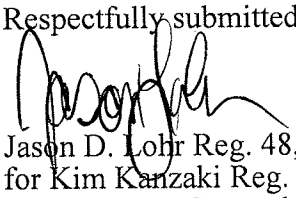
Accordingly, Applicants submit that claim 28 is not taught or suggested by Beauchamp and Helgeson considered individually or in combination and claim 28 is allowable over Beauchamp and Helgeson.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 925-472-5000.

Respectfully submitted,



Jason D. Lohr Reg. 48,163
for Kim Kanzaki Reg. 37,652
Senior Patent Counsel, Oracle Corporation

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 925-472-5000
Fax: 415-576-0300
Attachment
JDL:slh
61894063 v1